

WHAT IS CLAIMED IS:

1. A device for conveying and sorting piece goods that is driven by at least one drive, the device comprising:

a) at least one driving belt which is coupled to and driven by the at least one drive, in a positive-locked manner, said at least one driving belt comprising a rubber chain having a toothed profile;

b) at least one driven belt comprising a rubber chain having a toothed profile that is substantially similar to said toothed profile for said at least one driving belt; and

c) a plurality of successively installed conveying systems, coupled to and driven by said at least one driven belt, said plurality of successively installed conveying systems for conveying and supporting the piece goods.

2. The device as in claim 1, wherein said at least one driving belt further comprises a plurality of rotary bodies adapted to rotate around axes of rotation formed perpendicular to a longitudinal expanse of said at least one driven belt wherein.

said rotary bodies are secured in said at least one driven belt and wherein said at least one driven belt further comprises a plurality of teeth wherein said plurality of teeth interact with said plurality of rotary bodies of said at least one driving belt so that said at least one driving belt can drive said at least one driven belt.

3. The device as in claim 2, wherein the device contains a force transmission area and wherein said at least one driving belt and said at least one driven belt are arranged parallel to each other so that said plurality of teeth engage with said plurality of rotary bodies in said force transmission area.

4. The device as in claim 3, wherein the device further comprises at least one support and guide wheel coupled to said at least one driving belt, and at least one additional support and guide wheel coupled to said at least one driven belt, and wherein said support and guide wheels being positioned pointing away from each other.

5. The device as in claim 4, wherein said at least one support and guide wheel comprises a plurality of rotary bodies which are spaced-apart from each other, wherein said plurality of

rotary bodies are adapted to rotate around axles of rotation formed perpendicular to the longitudinal expanse of said at least one driving belt wherein said plurality of rotary bodies are actively coupled to said plurality of teeth of said toothed profile of said at least one driven belt.

6. The device as in claim 4, wherein said at least one additional support and guide wheel engages said at least one driven belt in a fiction grip manner.

7. The device as in claim 1, further comprising a plurality of rigid clamping profiles, said plurality of rigid clamping profiles extending at least substantially over an entire length of the said plurality of successively installed conveying or sorting systems.

8. The device as in claim 1, further comprising a plurality of rigid clamping profiles having clamping jaws wherein said at least one driven belt is clamped in a fixed manner in said plurality of rigid clamping profiles and wherein a non-clamped length of said at least one driven belt between said conveying systems is much shorter than a length of said plurality of rigid clamping profiles.

9. The device as in claim 8, said at least one driving belt and said at least one driven belt, each further comprise a tensile element that has a relatively higher strength and extends around said at least one driving belt and said at least one driven belt.

10. A device for conveying piece goods, including a sorting system for sorting piece goods comprising:

a) a plurality of successively arranged conveying systems which are guided along a conveying line;

b) a driving means comprising a friction wheel for driving said plurality of successively arranged conveying systems, wherein said driving means revolves along said conveying line;

c) at least one driving belt that is driven by said friction wheel; and

d) a plurality of clamping profiles extending at least substantially entire length of said conveying system wherein said at least one driving belt has a clamped section and a non-clamped section wherein said non-clamped section has a shorter length

than said clamped section.

11. The device as in claim 10, wherein said at least one driving belt is formed as a flat, flexible belt, said device further comprising an additional tensile element of relatively high strength, and further comprises a clamping profile having clamping jaws clamped in a fixed manner on said at least one driving belt.

12. The device as in claim 11, wherein said plurality of clamping profiles are formed as long-stretching clamping bars having clamping jaws extending in parallel with said at least one driving belt, with said clamping jaws of said clamping bars extending over an entire length of said plurality of successively arranged conveying systems.